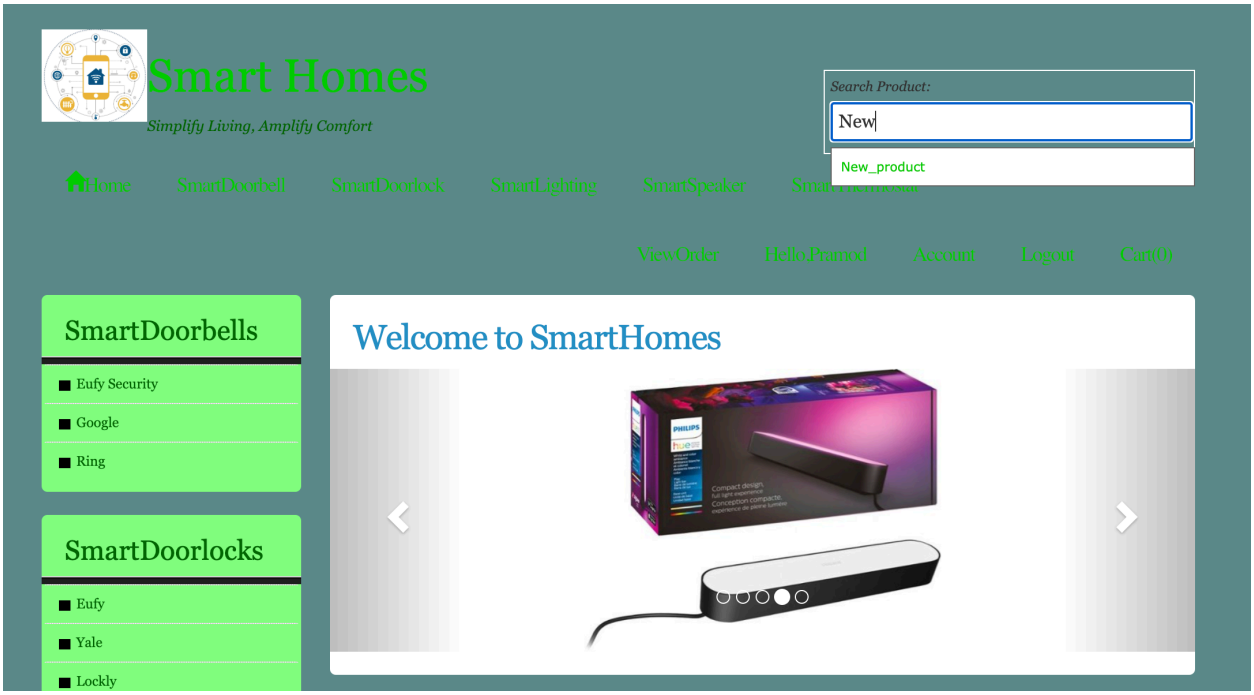
Smart Homes Assignment_3 outputs:
Search:



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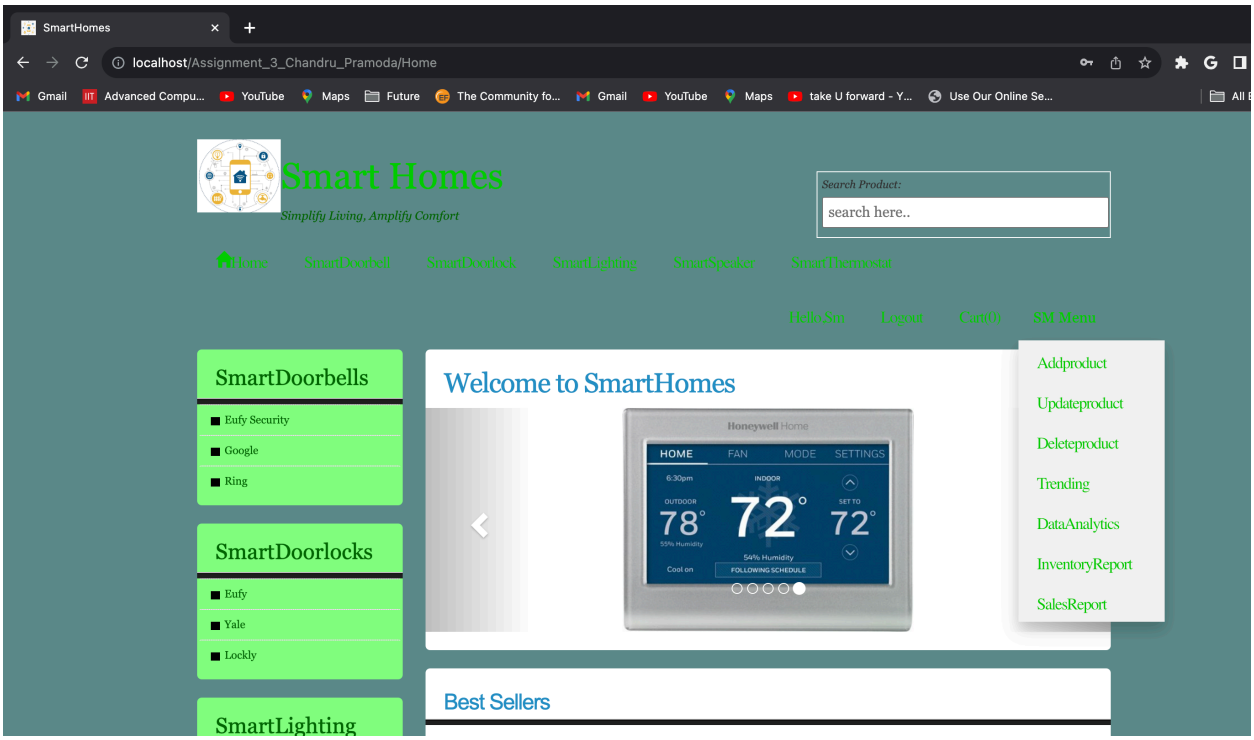
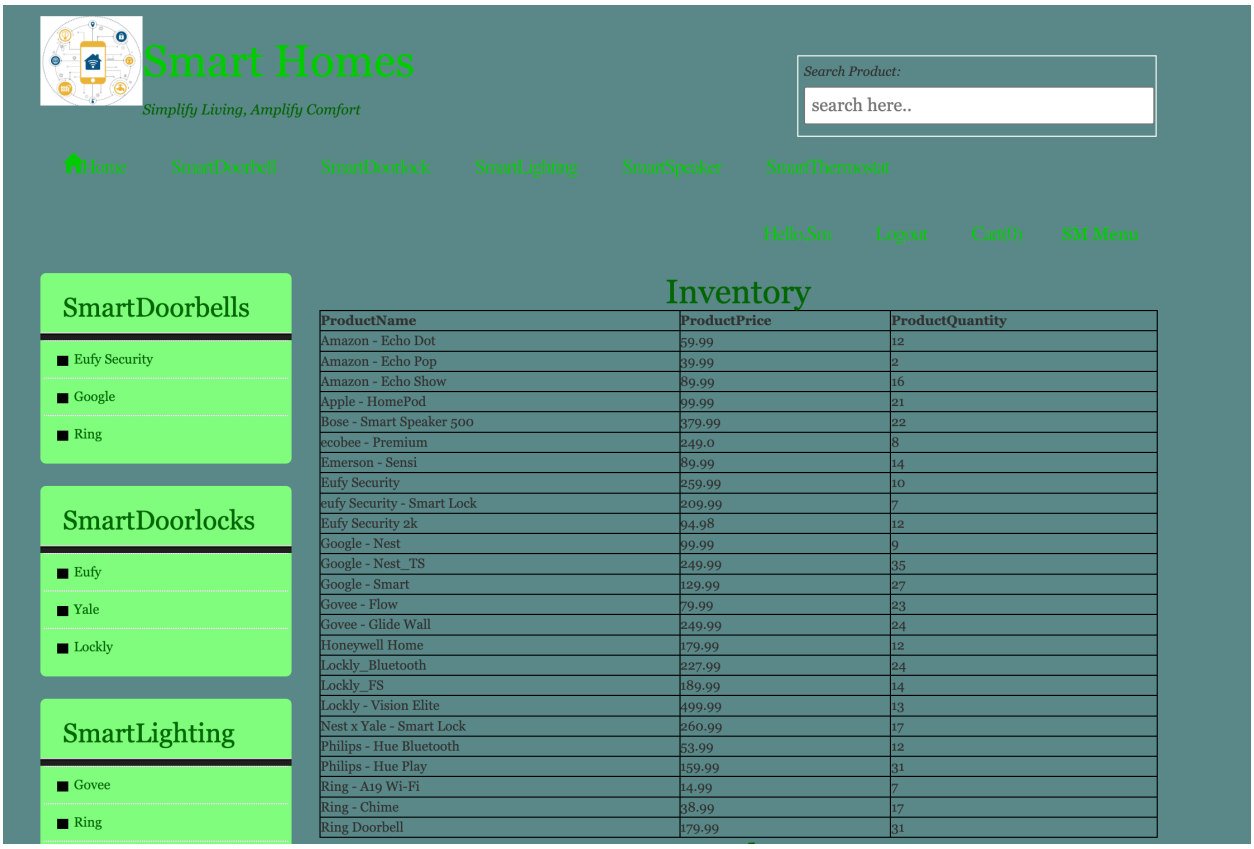
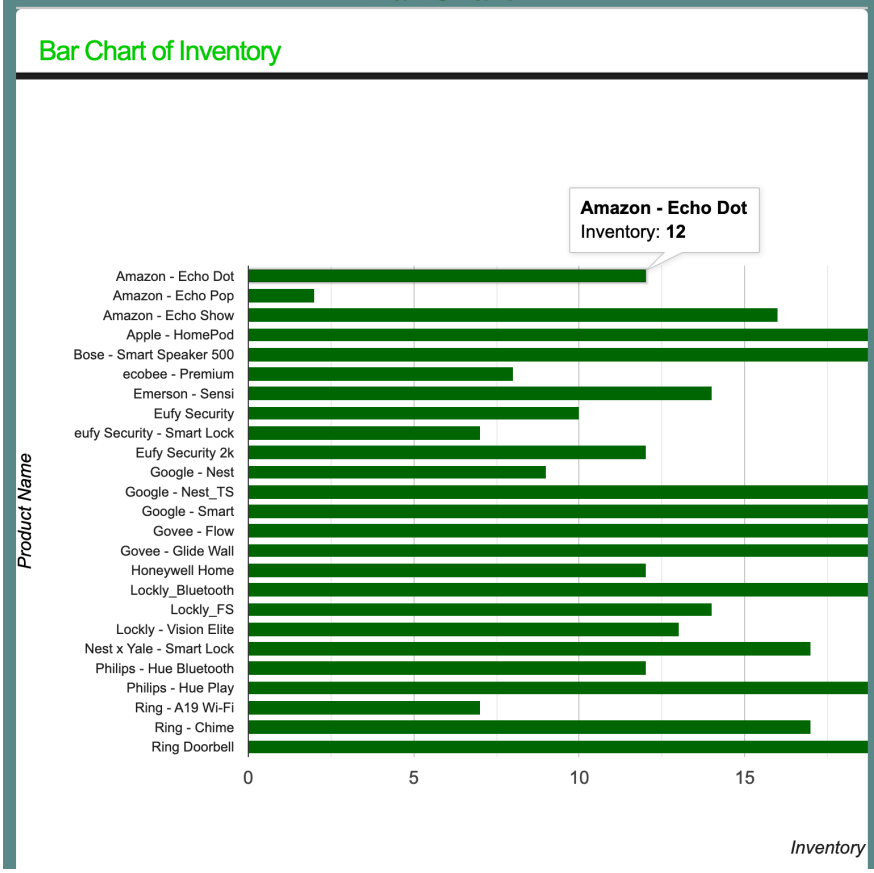




ProductName	ProductPrice	ProductQuantity
Amazon - Echo Dot	59.99	12
Amazon - Echo Pop	39.99	2
Amazon - Echo Show	89.99	16
Apple - HomePod	99.99	21
Bose - Smart Speaker 500	379.99	22
ecobee - Premium	249.0	8
Emerson - Sensi	89.99	14
Eufy Security	259.99	10
eufy Security - Smart Lock	209.99	7
Eufy Security 2k	94.98	12
Google - Nest	99.99	9
Google - Nest_TS	249.99	35
Google - Smart	129.99	27
Govee - Flow	79.99	23
Govee - Glide Wall	249.99	24
Honeywell Home	179.99	12
Lockly_Bluetooth	227.99	24
Lockly_FS	189.99	14
Lockly - Vision Elite	499.99	13
Nest x Yale - Smart Lock	260.99	17
Philips - Hue Bluetooth	53.99	12
Philips - Hue Play	159.99	31
Ring - A19 Wi-Fi	14.99	7
Ring - Chime	38.99	17
Ring Doorbell	179.99	31

Bar Chart



On Sale Inventory

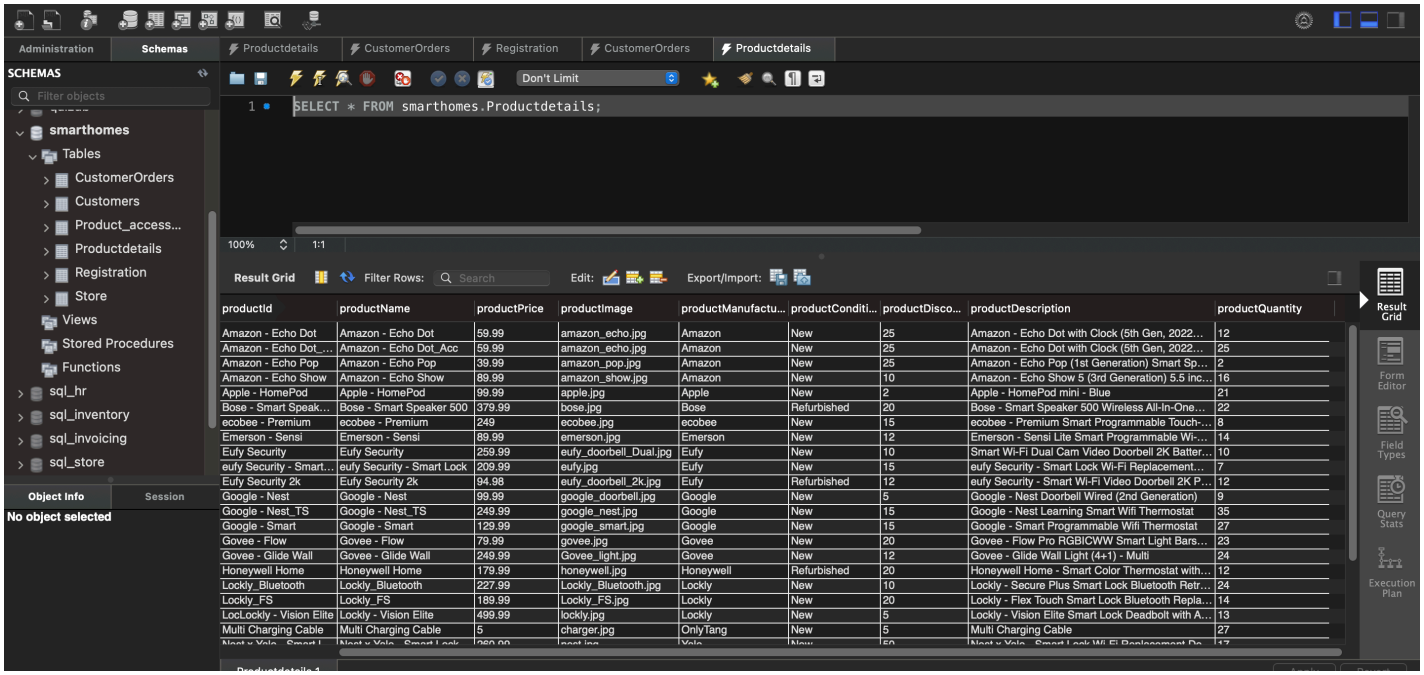
ProductName	ProductPrice	ProductQuantity
Amazon - Echo Dot	59.99	12
Amazon - Echo Dot_Acc	59.99	25
Amazon - Echo Pop	39.99	2
Amazon - Echo Show	89.99	16
Apple - HomePod	99.99	21
Bose - Smart Speaker 500	379.99	22
ecobee - Premium	249.0	8
Emerson - Sensi	89.99	14
Eufy Security	259.99	10
eufy Security - Smart Lock	209.99	7
Eufy Security 2k	94.98	12
Google - Nest	99.99	9
Google - Nest_TS	249.99	35
Google - Smart	129.99	27
Govee - Flow	79.99	23
Govee - Glide Wall	249.99	24
Honeywell Home	179.99	12
Lockly_Bluetooth	227.99	24
Lockly_FS	189.99	14
Lockly - Vision Elite	499.99	13
Multi Charging Cable	5.0	27
Nest x Yale - Smart Lock	260.99	17
Philips - Hue Bluetooth	53.99	12
Philips - Hue Play	159.99	31
Ring - A19 Wi-Fi	14.99	7
Ring - Chime	38.99	17
Ring Doorbell	179.99	31
WD-My Cloud Storage	399.99	26

On discount Inventory

ProductName	ProductPrice	ProductQuantity	ProductDiscount
Amazon - Echo Dot	59.99	12	25.0
Amazon - Echo Dot_Acc	59.99	25	25.0
Amazon - Echo Pop	39.99	2	25.0
Amazon - Echo Show	89.99	16	10.0
Apple - HomePod	99.99	21	2.0
Bose - Smart Speaker 500	379.99	22	20.0
ecobee - Premium	249.0	8	15.0
Emerson - Sensi	89.99	14	12.0
Eufy Security	259.99	10	10.0
eufy Security - Smart Lock	209.99	7	15.0
Eufy Security 2k	94.98	12	12.0
Google - Nest	99.99	9	5.0
Google - Nest_TS	249.99	35	15.0
Google - Smart	129.99	27	15.0
Govee - Flow	79.99	23	20.0
Govee - Glide Wall	249.99	24	12.0
Honeywell Home	179.99	12	20.0
Lockly_Bluetooth	227.99	24	10.0
Lockly_FS	189.99	14	20.0
Lockly - Vision Elite	499.99	13	5.0
Multi Charging Cable	5.0	27	5.0
Nest x Yale - Smart Lock	260.99	17	50.0
Philips - Hue Bluetooth	53.99	12	20.0
Philips - Hue Play	159.99	31	15.0
Ring - A19 Wi-Fi	14.99	7	25.0
Ring - Chime	38.99	17	15.0
Ring Doorbell	179.99	31	20.0
WD-My Cloud Storage	399.99	26	10.0

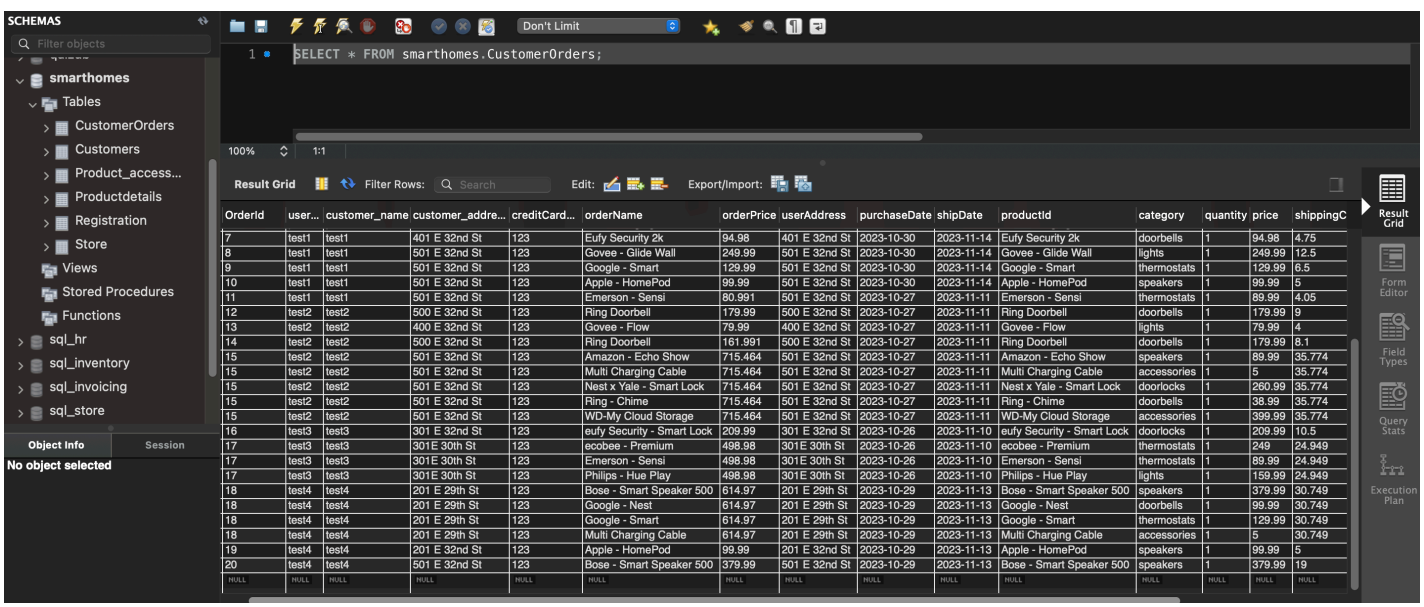
Mysql:

Product at the begining:



productId	productName	productPrice	productImage	productManufactu...	productConditi...	productDisco...	productDescription	productQuantity
Amazon - Echo Dot	Amazon - Echo Dot	59.99	amazon_echo.jpg	Amazon	New	25	Amazon - Echo Dot with Clock (5th Gen, 2022...	12
Amazon - Echo Dot_...	Amazon - Echo Dot_Acc	59.99	amazon_echo.jpg	Amazon	New	25	Amazon - Echo Dot with Clock (5th Gen, 2022...	25
Amazon - Echo Pop	Amazon - Echo Pop	39.99	amazon_pop.jpg	Amazon	New	25	Amazon - Echo Pop (1st Generation) Smart Sp...	2
Amazon - Echo Show	Amazon - Echo Show	89.99	amazon_show.jpg	Amazon	New	10	Amazon - Echo Show 5 (3rd Generation) 5.5 inc...	16
Apple - HomePod	Apple - HomePod	99.99	apple.jpg	Apple	New	2	Apple - HomePod mini - Blue	21
Bose - Smart Speak...	Bose - Smart Speaker 500	379.99	bose.jpg	Bose	Refurbished	20	Bose - Smart Speaker 500 Wireless All-In-One...	22
ecobee - Premium	ecobee - Premium	249	ecobee.jpg	ecobee	New	15	ecobee - Premium Smart Programmable Touch-...	8
Emerson - Sensi	Emerson - Sensi	89.99	emerson.jpg	Emerson	New	12	Emerson - Sensi Lite Smart Programmable Wi-...	14
Eufy Security	Eufy Security	259.99	eufy_doorbell_Dual.jpg	Eufy	New	10	Smart Wi-Fi Dual Cam Video Doorbell 2K Batter...	10
eufy Security - Smart...	eufy Security - Smart Lock	209.99	eufy.jpg	Eufy	New	15	eufy Security - Smart Lock Wi-Fi Replacement...	7
Eufy Security 2k	Eufy Security 2k	94.98	eufy_doorbell_2k.jpg	Eufy	Refurbished	12	eufy Security - Smart Wi-Fi Video Doorbell 2K P...	12
Google - Nest	Google - Nest	99.99	google_doorbell.jpg	Google	New	5	Google - Nest Doorbell Wired (2nd Generation)	9
Google - Nest_TS	Google - Nest_TS	249.99	google_nest.jpg	Google	New	15	Google - Nest Learning Smart Wifi Thermostat	35
Google - Smart	Google - Smart	129.99	google_smart.jpg	Google	New	15	Google - Smart Programmable Wifi Thermostat	27
Govee - Flow	Govee - Flow	79.99	govee.jpg	Govee	New	20	Govee - Flow Pro RGBICWW Smart Light Bars...	23
Govee - Glide Wall	Govee - Glide Wall	249.99	Govee_light.jpg	Govee	New	12	Govee - Glide Wall Light (4+1) - Multi	24
Honeywell Home	Honeywell Home	179.99	honeywell.jpg	Honeywell	Refurbished	20	Honeywell Home - Smart Color Thermostat with...	12
Lockly_Bluetooth	Lockly_Bluetooth	227.99	Lockly_Bluetooth.jpg	Lockly	New	10	Lockly - Secure Plus Smart Lock Bluetooth Retr...	24
Lockly_FS	Lockly_FS	189.99	Lockly_FS.jpg	Lockly	New	20	Lockly - Flex Touch Smart Lock Bluetooth Repla...	14
LocLockly - Vision Elite	Lockly - Vision Elite	499.99	lockly.jpg	Lockly	New	5	Lockly - Vision Elite Smart Lock Deadbolt with A...	13
Multi Charging Cable	Multi Charging Cable	5	charger.jpg	OnlyTang	New	5	Multi Charging Cable	27

Customer Orders:



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7	test1	test1	401 E 32nd St	123	Eufy Security 2k	94.98	401 E 32nd St	2023-10-30	2023-11-14	Eufy Security 2k	doorbells	1	94.98	4.75
8	test1	test1	501 E 32nd St	123	Govee - Glide Wall	249.99	501 E 32nd St	2023-10-30	2023-11-14	Govee - Glide Wall	lights	1	249.99	12.5
9	test1	test1	501 E 32nd St	123	Google - Smart	129.99	501 E 32nd St	2023-10-30	2023-11-14	Google - Smart	thermostats	1	129.99	6.5
10	test1	test1	501 E 32nd St	123	Apple - HomePod	99.99	501 E 32nd St	2023-10-30	2023-11-14	Apple - HomePod	speakers	1	99.99	5
11	test1	test1	501 E 32nd St	123	Emerson - Sensi	80.991	501 E 32nd St	2023-10-27	2023-11-11	Emerson - Sensi	thermostats	1	89.99	4.05
12	test2	test2	500 E 32nd St	123	Ring Doorbell	179.99	500 E 32nd St	2023-10-27	2023-11-11	Ring Doorbell	doorbells	1	179.99	9
13	test2	test2	400 E 32nd St	123	Govee - Flow	79.99	400 E 32nd St	2023-10-27	2023-11-11	Govee - Flow	lights	1	79.99	4
14	test2	test2	500 E 32nd St	123	Ring Doorbell	161.991	500 E 32nd St	2023-10-27	2023-11-11	Ring Doorbell	doorbells	1	179.99	8.1
15	test2	test2	501 E 32nd St	123	Amazon - Echo Show	715.464	501 E 32nd St	2023-10-27	2023-11-11	Amazon - Echo Show	speakers	1	89.99	35.774
15	test2	test2	501 E 32nd St	123	Multi Charging Cable	715.464	501 E 32nd St	2023-10-27	2023-11-11	Multi Charging Cable	accessories	1	5	35.774
15	test2	test2	501 E 32nd St	123	Nest x Yale - Smart Lock	715.464	501 E 32nd St	2023-10-27	2023-11-11	Nest x Yale - Smart Lock	doorlocks	1	260.99	35.774
15	test2	test2	501 E 32nd St	123	Ring - Chime	715.464	501 E 32nd St	2023-10-27	2023-11-11	Ring - Chime	doorbells	1	38.99	35.774
15	test2	test2	501 E 32nd St	123	WD-My Cloud Storage	715.464	501 E 32nd St	2023-10-27	2023-11-11	WD-My Cloud Storage	accessories	1	399.99	35.774
16	test3	test3	301 E 32nd St	123	eufy Security - Smart Lock	209.99	301 E 32nd St	2023-10-26	2023-11-10	eufy Security - Smart Lock	doorlocks	1	209.99	10.5
17	test3	test3	301E 30th St	123	ecobee - Premium	498.98	301E 30th St	2023-10-26	2023-11-10	ecobee - Premium	thermostats	1	249	24.949
17	test3	test3	301E 30th St	123	Emerson - Sensi	498.98	301E 30th St	2023-10-26	2023-11-10	Emerson - Sensi	thermostats	1	89.99	24.949
17	test3	test3	301E 30th St	123	Philips - Hue Play	498.98	301E 30th St	2023-10-26	2023-11-10	Philips - Hue Play	lights	1	159.99	24.949
18	test4	test4	201 E 29th St	123	Bose - Smart Speaker 500	614.97	201 E 29th St	2023-10-29	2023-11-13	Bose - Smart Speaker 500	speakers	1	379.99	30.749
18	test4	test4	201 E 29th St	123	Google - Nest	614.97	201 E 29th St	2023-10-29	2023-11-13	Google - Nest	doorbells	1	99.99	30.749
18	test4	test4	201 E 29th St	123	Google - Smart	614.97	201 E 29th St	2023-10-29	2023-11-13	Google - Smart	thermostats	1	129.99	30.749
18	test4	test4	201 E 29th St	123	Multi Charging Cable	614.97	201 E 29th St	2023-10-29	2023-11-13	Multi Charging Cable	accessories	1	5	30.749
19	test4	test4	201 E 32nd St	123	Apple - HomePod	99.99	201 E 32nd St	2023-10-29	2023-11-13	Apple - HomePod	speakers	1	99.99	5
20	test4	test4	501 E 32nd St	123	Bose - Smart Speaker 500	379.99	501 E 32nd St	2023-10-29	2023-11-13	Bose - Smart Speaker 500	speakers	1	379.99	19
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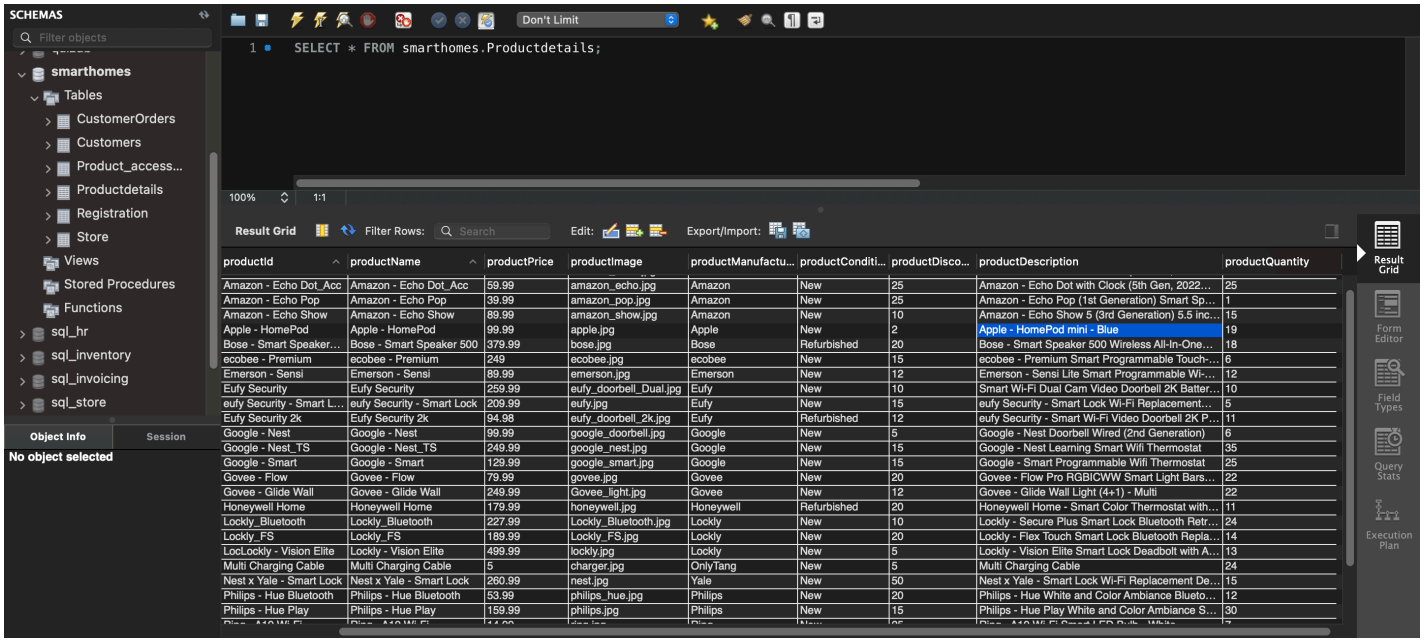
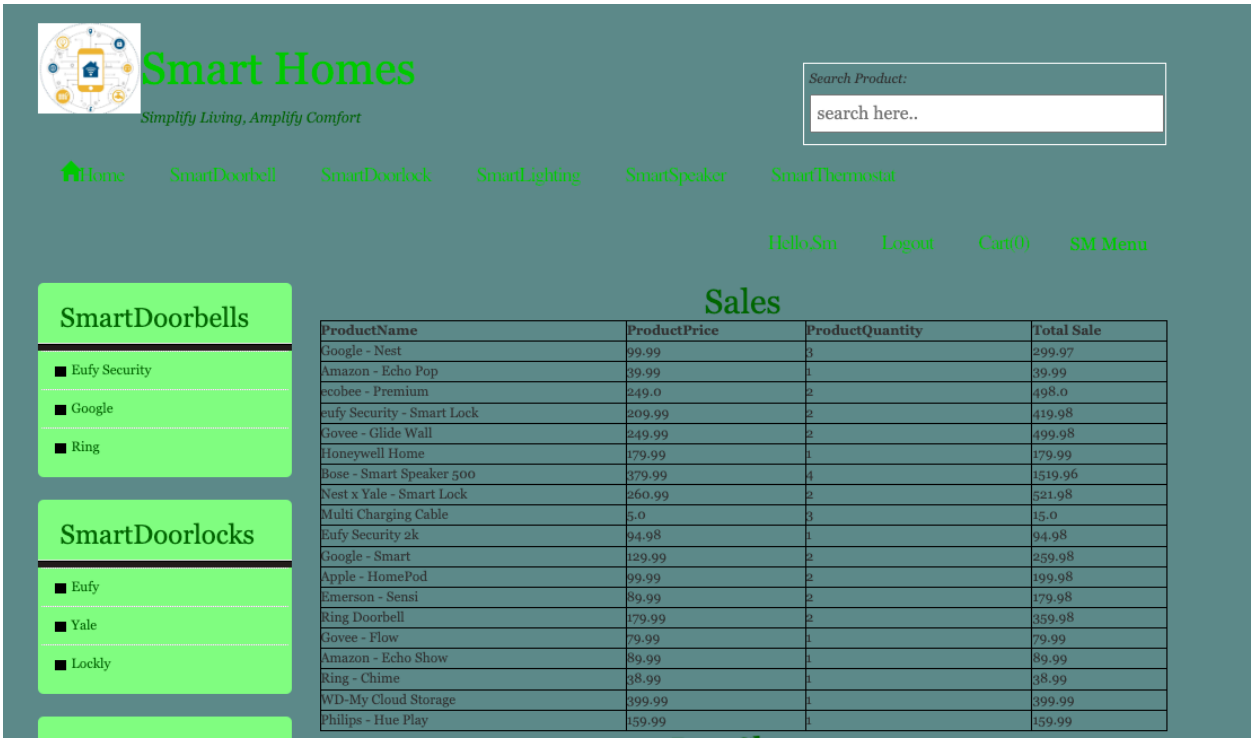
Product List after the purchase:



productId	productName	productPrice	productImage	productManufactu...	productConditi...	productDisco...	productDescription	productQuantity
Amazon - Echo Dot_Acc	Amazon - Echo Dot_Acc	59.99	amazon_echo.jpg	Amazon	New	25	Amazon - Echo Dot with Clock (5th Gen, 2022...	25
Amazon - Echo Pop	Amazon - Echo Pop	39.99	amazon_pop.jpg	Amazon	New	25	Amazon - Echo Pop (1st Generation) Smart Sp...	1
Amazon - Echo Show	Amazon - Echo Show	89.99	amazon_show.jpg	Amazon	New	10	Amazon - Echo Show 5 (3rd Generation) 5.5 inc...	15
Apple - HomePod	Apple - HomePod	99.99	apple.jpg	Apple	New	2	Apple - HomePod mini - Blue	19
Bose - Smart Speaker...	Bose - Smart Speaker 500	379.99	bose.jpg	Bose	Refurbished	20	Bose - Smart Speaker 500 Wireless All-In-One...	18
ecobee - Premium	ecobee - Premium	249	ecobee.jpg	ecobee	New	15	ecobee - Premium Smart Programmable Touch-...	6
Emerson - Sensi	Emerson - Sensi	89.99	emerson.jpg	Emerson	New	12	Emerson - Sensi Lite Smart Programmable Wi-...	12
Eufy Security	Eufy Security	259.99	eufy_doorbell_Dual.jpg	Eufy	New	10	Smart Wi-Fi Dual Cam Video Doorbell 2K Batter...	10
eufy Security - Smart L...	eufy Security - Smart Lock	209.99	eufy.jpg	Eufy	New	15	eufy Security - Smart Lock Wi-Fi Replacement...	5
Eufy Security 2k	Eufy Security 2k	94.98	eufy_doorbell_2k.jpg	Eufy	Refurbished	12	eufy Security - Smart Wi-Fi Video Doorbell 2K P...	11
Google - Nest	Google - Nest	99.99	google_doorbell.jpg	Google	New	5	Google - Nest Doorbell Wired (2nd Generation)	6
Google - Nest_TS	Google - Nest_TS	249.99	google_nest.jpg	Google	New	15	Google - Nest Learning Smart Wifi Thermostat	35
Google - Smart	Google - Smart	129.99	google_smart.jpg	Google	New	15	Google - Smart Programmable Wifi Thermostat	25
Govee - Flow	Govee - Flow	79.99	govee.jpg	Govee	New	20	Govee - Flow Pro RGBICWW Smart Light Bars...	22
Govee - Glide Wall	Govee - Glide Wall	249.99	Govee_light.jpg	Govee	New	12	Govee - Glide Wall Light (4+1) - Multi	22
Honeywell Home	Honeywell Home	179.99	honeywell.jpg	Honeywell	Refurbished	20	Honeywell Home - Smart Color Thermostat with...	11
Lockly_Bluetooth	Lockly_Bluetooth	227.99	Lockly_Bluetooth.jpg	Lockly	New	10	Lockly - Secure Plus Smart Lock Bluetooth Retr...	24
Lockly_FS	Lockly_FS	189.99	Lockly_FS.jpg	Lockly	New	20	Lockly - Flex Touch Smart Lock Bluetooth Repla...	14
LocLockly - Vision Elite	Lockly - Vision Elite	499.99	lockly.jpg	Lockly	New	5	Lockly - Vision Elite Smart Lock Deadbolt with A...	13
Multi Charging Cable	Multi Charging Cable	5	charger.jpg	OnlyTang	New	5	Multi Charging Cable	24
Nest x Yale - Smart Lock	Nest x Yale - Smart Lock	260.99	nest.jpg	Yale	New	50	Nest x Yale - Smart Lock Wi-Fi Replacement De...	15
Philips - Hue Bluetooth	Philips - Hue Bluetooth	53.99	philips_hue.jpg	Philips	New	20	Philips - Hue White and Color Ambiance Blueto...	12
Philips - Hue Play	Philips - Hue Play	159.99	philips.jpg	Philips	New	15	Philips - Hue Play White and Color Ambiance S...	30

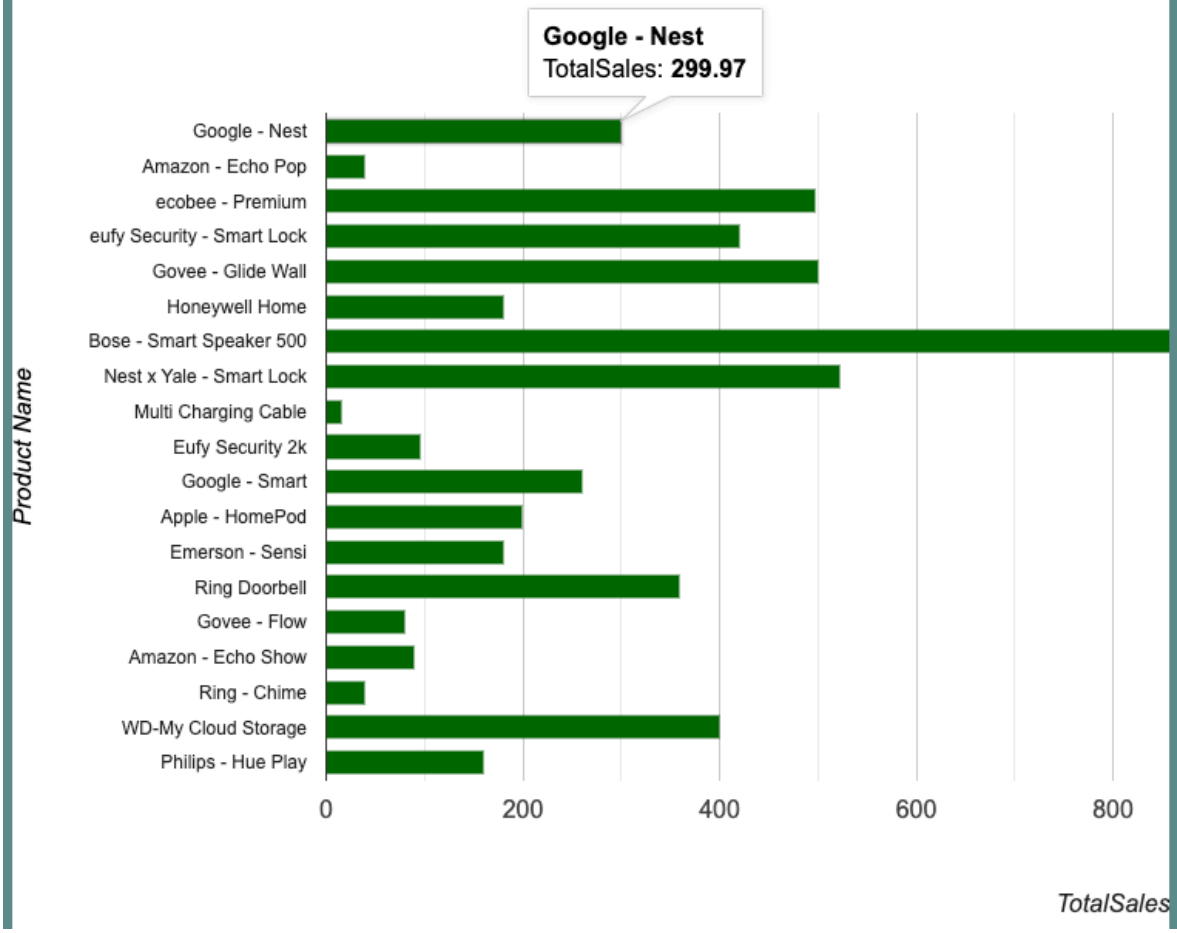
Sales Report:



ProductName	ProductPrice	ProductQuantity	Total Sale
Google - Nest	99.99	3	299.97
Amazon - Echo Pop	39.99	1	39.99
ecobee - Premium	249.0	2	498.0
eufy Security - Smart Lock	209.99	2	419.98
Govee - Glide Wall	249.99	2	499.98
Honeywell Home	179.99	1	179.99
Bose - Smart Speaker 500	379.99	4	1519.96
Nest x Yale - Smart Lock	260.99	2	521.98
Multi Charging Cable	5.0	3	15.0
Eufy Security 2k	94.98	1	94.98
Google - Smart	129.99	2	259.98
Apple - HomePod	99.99	2	199.98
Emerson - Sensi	89.99	2	179.98
Ring Doorbell	179.99	2	359.98
Govee - Flow	79.99	1	79.99
Amazon - Echo Show	89.99	1	89.99
Ring - Chime	38.99	1	38.99
WD-My Cloud Storage	399.99	1	399.99
Philips - Hue Play	159.99	1	159.99

Daily Sales

Date	No. Item Sold	Total Sale
2023-10-26	4	708.97
2023-10-27	9	1324.92
2023-10-28	11	2154.91
2023-10-29	6	1094.95
2023-10-30	4	574.95

Bar Chart

Bar Chart of Sales